



Recombinant Human MON1A Protein Product Manual

1. Product Basic Information

Product No.: REP07484

Protein Name: Vacuolar Fusion Protein Mon1 Homolog Mon1 Vesicular Trafficking Associated Mon1 Secretory Trafficking Family Member Mon1 Homolog A, Secretory Trafficking Associated (MON1A)

Aliases: vacuolar fusion protein MON1 homolog MON1 vesicular trafficking associated MON1 secretory trafficking family member MON1 homolog A, secretory trafficking associated

UniProt ID: Q86VX9

UniProt Link: <https://www.uniprot.org/uniprotkb/Q86VX9/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (205-555aa)

Molecular Weight: 56.2kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (205-555aa)

DGYKVV FVRRSPLVLVAVARTRQSAQELAQELLYIYYQILSLLTGAQLSHIFQQKQN
YDLRRLLSGSERITDNLLQLMARDPSFLMGAARCLPLAAAVRDTVSAQLQARARS
LVFSILLARNQLVALVRRKDQFLHPIDLHLLFNLISSSSSFREGEAWTPVCLPKFNAA
GFFHAHISYLEPDTDLCLLLVSTDREDDFAVSDCRRRFQERLRKRG AHLALREALRT
PYYSVAQVGIPDLRHFLYKSKSSGLFTSPEIEAPYTSEEEQERLLGLYQYLHSAHN
ASRPLKTIYYTGPNENLLAWVTGAFELYMCYSPLGTKASAVSAIHKLMRWIRKEEDR
LFILTPLTY

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human MON1A partial protein (205-555aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. MON1A, also known as vacuolar fusion protein MON1 homolog MON1 vesicular trafficking associated MON1 secretory trafficking family member MON1 homolog A, secretory trafficking associated, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.